Previous references.
126 - 03 1-5.

1907.
(Municipal)

File No. 368 -

Serial Nos. 16

Later references.
Int 64-07 1-4.
456 for 07
306 for 08 & 10.
78 - 10 (1-4)
Int 54-12 (13, 14, 16, 19, 1261 4)
60 (110 - 22) 5-6.

GENERAL AND REVENUE SECRETARIAT.

Serial Nos. 1-4 & 6-7

Part B. for April 1907

SUBJECT.

Water supply to Mandvar

---

1. From the President of Municipality Chitaldroog
No. C. 738 & 19. 1. 05.
States that a water-supply project for the
town is quite necessary and requests that Mr. Rangaswami
Ex. Engr. may be asked to submit a modest scheme.

2. To the Ch: Engr. Secy. P. W. D. No. 7552 & 27. 2. 05
Forwards Sl. No. 1.

3. From the same. No. 235/1559 & 2. 3. 05.
G. R. S. 58 Forwards the above (Sl No. 1-2) with this

4. To the same + Resdt, Chitaldroog. No. 8622 & 22-3-0
Requests the Chief Engineer to get a trial

on the Ch Engineer. No 7957 & 27. H.

Submits a fresh project for the waterway of the town of Harihar.

To the same, Resident of Mumpteis, Chitaldroog
Sen^r Surg^n & Compl^r. No 9660 – 3/368 H-7

Sanctions the project referred to in Pl

A. S. 11] 1904.05

GENERAL AND REVENUE SECRETARIAT.

(Municipal)

NOTES.

File No. 368

FILE HEADING.

Water Supply to Haricar

From The President of the Municipalities in the Chittalroog Dist.

C No. 73. Dated 19.1.1905 Received 21.1.1905.

Diary No. 4778	Enclos. 1 Spare Copies.	Serial No. 1

BRIEF ABSTRACT OF LETTER.

Represents that a Water Supply project for the Haricar Town is quite necessary and requests that Mr Ranganaiamy Mayagar, Ex Engr Water Supply Division may be deputed to investigate and submit a modest scheme as early as practicable.

NOTES AND ORDERS.

Submitted for orders

6.2.1905 2. The Municipality is not in a position to meet the cost, the receipts & Expenditure for the Current year being as shown in the margin. There is yet

Balance 663
Add 3967
Total 4630
Less 4261
Balance 369

NOTES — First sheet.

MGCPB—38,000—16-8-04

G.R.S. 12
General

Revenue

File No. 368 of 1904-5

Serial No.

a balance of Rs 4,000 left out of the loan of Rs 5,000/. sanctioned in Govt Pro Rs 75-18-9 of the 2nd Jany 1900 for the extension of the town & it will take another 16 years for the Municipality to repay the balance of this loan. Unless the Government are prepared to meet the cost of Water supply to the town, the necessity of deputing Mr. Rangaswami Ayyangar to investigate the project is not apparent, especially as a Project for Rs 30,000 is stated to have been prepared by Mr. Standish Lee the Chief Engineer & the Secretary for Railways may perhaps be consulted on the subject as also on the question of supply of water on Chandy days to the people attending the market.

Submitted for orders.

Let us first submit 8/2/05

[illegible]

General and Revenue Secretariat.

Jul File No. 368 of 190 405

Serial No.

4. The Lease project is I am afraid a very costly one. It is a question whether a big engineering project is not possible

5. My views on the subject will be found embodied in the enclosed from my Inspection Note book with pencil-ups

6. As regards the temporary relief to the Shandy once a week from the Railway Plant, the communication suggested by the Dy Comr may be ordered to be adopted

18/2/05.

Vide D.O. No. 126 dt 18/2/05 from D.P.

18.2.05

4896 20.2.05

7. Application of Mrs Suffering Town water Question is an old urgent municipality should by all means grant some money if Mr the C.E. will furnish us with a suitable & economical water supply scheme - Nanjanad Lease proposal

21. II. 05

Note—Contin. sheet.

MGCPB—20,000—1-11-04.

Jud F. No 368 Dy. 1904-5 4

Extract from the First Councillor's Inspection Notes of the Chitaldrug District:-

.....

Harihar Water Supply:-

This is the most pressing need of the town. Wells in the town have been sunk as deep and at as large a cost as possible but they have been found most disappointing. Though close to the river Tungabhadra, the town suffers much more from want of water than any other town less favorably situated. It is a mistake to expect the town to be served from the Railway Pumping Plant. An independent arrangement is desirable and can I think be carried out at a moderate cost. Could not Mr. V.Rungaswamiengar be asked to investigate the project and give Government the benefit of his opinion ? The following is a copy of the Memo on the subject prepared by the Assistant Commissioner in charge and pending with the Deputy Commissioner. I beg earnestly to commend the question for the Dewan's early and favorable consideration. Something ought to be done soon. The project was as good as sanctioned seven years ago. The Board's finances are in a impecunious condition and the sufferings of the people are indescribable, especially on account of plague, on the appearance of which they have to evacuate the town year after year and go into sheds at a much higher level than the town.

Paid copy received with the Dy Comrs report 4

15.2.05.

G.R.S. 12]

Department of Revenue
Secretariat
1332
Pretoria

2nd File No. 368 of 1904-5

Serial No.

No 1552 3/7/05 Encl
Forwarded to the Secretary to the Govt
of Lagos in the P. W. D

22.2.05
Lay Asst in the
G. of R. Office

No 235/1539

P. W. D.
7/2/05

H. V. R.
2/3

2. Mr Standish Lee's project provided for a supply pumped by steam plant from the river. He made proposals for pumping up 10 gals per head for 10000 people into a storage tank, & passed through filters into a pure water tank for distribution. As the population is probably not more than 6000 now, I consider that if provision is made to supply 10 gals a head for 7000 people it would suffice for the present at any rate. In regard to the cost, there is no cheaper way of supplying the town existing by pumping up from the river, as no gravity supply is available in the vicinity of the town & the cost would probably work out at £25,000 at least.

10. The cost of working the pumps alone is likely to exceed the £500 which the Municipality said it was only able to grant annually: so it would be necessary for Govt to give the municipality a free gift of the cost of the project: besides paying for all future additions, renewals, & repairs to the plant. The Railway Comp[y] have already refused to join the town in any scheme of supply.

11. If Govt are disposed to pay for the scheme, I advise project to be got up. The necessary orders will

Note—Contn. sheet.

MCCPB—20,000—1-11-04.

Barnfield 2/3/05 has seen

M. D. Hill
1.9.05 Secretary to Govt

G.R.S. 12]
General and Revenue Secretariat.

Irl File No. 368 of 1904-5

Serial No.

12 Submitted proceedings of the Meeting of Diwan Saheb the 3rd March 1905 6.3.1905 .8

10/3/05 11/3/1905

2145 11-3-05.

13. A new project may be ordered to be set up the initial cost has of course to be borne by Govt. Towards the cost of maintenance a small contribution may be demanded from the municipality. I am glad that both the Diwan & the Chief Engineer are desirous to accord the unfortunate town a generous treatment. 12/3/05.

To Diwan for favorable consideration 5-3-05

14. Let the project be prepared 14.III.05

13-3-1905

5342 13.3.05. 15 Draft sent 15.3.1905

II K.V.J. Sgd/13

16 Draft is submitted for approval

15-3-1905 17 Passed 16.3.1905

Note—Cont'd. sheet.

MGCPB—20,000—1-11-04.

Serial No.

4. To the Chief Engineer of Mysore & the Pres. of the Municipality, Chitaldroog Dis. No 822-38/21.3/1905

Requests the Chief Engineer to get a new project for the water supply to the Harihar Town prepared, as proposed by him.

6. From the Chief Engineer of Mysore. No 755 B.E. 7. 11. 1906.

Submits a fresh project for the water supply to the Harihar Town at an ~~approximate~~ approximate cost of Rs 14,790/- but ~~approximate cost of Rs 17,790/- but~~ exceeding Rs 18000, in lieu of the one prepared by Mr Standish Lee for Rs 30,000/- or of the one for Rs 27,267 prepared by the Executive Engr of the Chitaldroog Division and states that the annual maintenance charges are estimated at Rs 3000/- a year.

18. The financial condition of the Harihar Municipality is as for the current year is estimated as follows.

	Rs
Opening balance	33
Receipts	4,018
Total	4,051
Deduct Expenditure	4,001
closing balance	50

Submitted for orders ~~(Vide paras 6 supra)~~

H.C.S. 14.12.1906

As there is still a balance of nearly 4,000 Rs

Serial No.

left out of the loan of Rs 5,000 sanctioned for the Extension of the Harbour Town and as the income & expenditure of this Municipality for the last 5 years is as shown below, there is no likelihood of the Municipality being able to meet even the cost of annual maintenance of the water works which are estimated at Rs 3,000, though the initial cost of the project may, as a special case, be borne by Government on account of the importance of the Town. The President may therefore be requested to report in consultation with the Municipal Board and the leading men of the place, how the annual maintenance charges amounting to Rs 3000/- can be met, whether they are agreeable to levy a water tax and if so at what rate, and what would be the amount that is likely to be realized therefrom & whether any additional taxation is possible.

Submitted to the Secretary to the 1st Councillor for orders.

1650
5.12.1906

6/12/06

Note—Conts. sheet

GPB—50,000—23 10-05

Serial No.

There is no need for the further enquiries above suggested unless it be with a view to postpone practical action under plausible pretexts.

2 I know of no more urgent and more practical scheme than the project now before Government. I would recommend that it be sanctioned & ordered to be put in hand at once lest the season should be lost.

3 The initial outlay has to be borne by Government in view of the fact that Bankura is an impoverished & poor district. The cost of annual maintenance must be borne by Municipal & District Funds in such proportions as may be found to be convenient. The proportion 2:1 probably requires to be varied for periods of time according to the conditions of the time.

4 I have seen Bankura and the requirements of the place & consider the present project modest & very necessary. The Municipality is now poor. But by the financial concessions for

Meeting

Note—Contn. sheet

GPB—50,000—28 10-06

G.R.S. 12]
General and Revenue Secretariat.

File No. 368 of 1904-5 10

Serial No.

meeting the annual increase charges can be augmented by levying the [illegible] Khatanja taxes and increasing market fees &c. — P. Chandra Rao
Secy. to Govt.

3612
2.207

4/2/07

P. J. 8

Note—Contd. sheet

GPB—50,000—23-10-05

Serial No.

How is the scheme proposed to be financed? Should we not adopt some system in dealing with questions of this kind and arrange towns requiring water supply in order of their importance and the urgency? In this case the towns people also should be distinctly given to understand that they should be prepared to meet the charges of maintenance at least and endeavour to bear a proportion of the initial cost also. When the different schemes have been properly considered provision will be made in the next year's budget.

8/3/1907

Sir, Yr

Ks 3/07

2293
11-5-1907

The cost has to be borne by Govt in view of the importance & yet the suitable condition of the Province down - the annual maintenance charges can be borne in equal parts by Mpl & Dist Funds I know Omr Taluk or Dist Taluk Headquarters in which the necessity for a water supply project is more urgent - or where a more modest project than that now proposed for Bangalore has at all been proposed or is practicable.

13/Nov/07

Note—Contn. sheet.

MGCPH—20,000—1-11-04.

G.R.S. 12]
General and Revenue Secretariat.

4524

File No. 868 of 1904

Serial No.

Read noting & draft order.

M. 17/3/07

H.H.V.H
17.3.07

Draft order is submitted. [As per Sec 21 (1) of the Local Boards Regulation, Dist Boards are competent to incur expenditure from their funds outside the area subject to their authority for the purposes mentioned in Sec 7 Cl (f) — Water works being one of the purposes — with the sanction of Government.] The Boards resolution is necessary but the Board's finances as per budget for 1907-08 are not prosperous.

17.3.1907
18.

Submitted to Secty with draft.

B.B.
18/3/07

The 1st Councillor suggested, together with a short-cut draft, is submitted herewith as desired.

4205
21.3.07

Notes—Contn. sheet

GPH—B/Mad—15-1-07

G.R.S. 12]
General and Revenue
Secretariat.

Mul File No. 368 of 190 4

Serial No.	
7	To the Ch Engr the Pres: of the Municipality, Chebalcoop Dr/s the Secretary Surgeon & the Comptroller' No 9660-3 & 20.4.07 Sanctions & a project amounting to Rs 16,790/ for the water supply to the Hatkhar Town & direct that the annual maintenance of the water works estimated at Rs 3000/- be met by the Chebalcoop Dr/- Board and the Hatkhar Municipal Board in equal proportion

Note—Contn. sheet

IV
2111/05
14 II 2/11
1905

From H Ramanujaiengar Esq
Deputy Commissioner
Chitaldrug District

To B K Venkatavaradayyan Esq
Secretary to the Government of
His Highness the Maharaja of Mysore
Revenue & General Departments

Dated 13th Bangalore
Despatched } January 1905
Received

General No. 73.
No.

Enclosure No. 1

Submitting report regarding
the water supply to the town
of Harihar

Camp 2073
Ca. 01

94778 Ind. F. 318-04 (1)

District Board Presidents' Office
Chittaldrug District.

Dated Camp Harihar 19th January 1905

From

A Ramanujaraya Esq
President District Board
Chittaldrug District

To

B. K. Venkatavaradaraja Esq
Secretary to the Government of
His Highness the Maharaja of Mysore
General and Revenue Department
Bangalore

Sir,

I have the honor to forward Copy of a memorandum drawn up by Mr C Srikanteswara Iyer, Assistant Commissioner in Charge of the Davanagere Range on the Water-Supply of the town of Harihar

2. A kind perusal of the memorandum will show that he has dealt with the question exhaustively. The subject was first brought forward prominently in 1896 by Mr M. S Narayanrao, a former Deputy Commissioner and Government were pleased to observe in their order No 13291-20 dated 12th May 1897, L

F. F. 1896
190-94

that

" that the town of Hansi is badly off for water and that some early remedial measure seems desirable The question thus assumed a hopeful aspect and led to some preliminary correspondence but unfortunately for the townspeople the difficulty of funds then strung up. The sanitary Engineer who had at first estimated the approximate cost of the works and the annual maintenance and working charges at Rs 15,000/- and 1,200 respectively subsequently prepared a revised scheme costing no less than Rs 30,000/- or just double the amount of his original estimate. The poor municipality was unable to bear its quota of this heavy cost and the Government could not see their way to push the question to a practical issue.

3 The townspeople, however, kept up the agitation by means of petitions to Government and personal representations to the High Officers of the State. What with the recitation of plague recurring every year and the necessity of the poor people having to camp out for months together without facilities for the supply of drinking water, the situation may now be said to have reached an acute stage, and

I feel confident that the Senior Councillor who visited the town on the 20th of last month will be able fully to bear me out in the above remark.

4. I had a long talk with Mr. C.E. Hatchellel. Assistant Engineer of the Southern Mahratta Railway on the subject. From what he told me, it seems hopeless to expect that the Railway authorities would agree to work a combined scheme such as that suggested at para 11 of Mr. Srikanteswara Iyer's memorandum. It is therefore necessary to have a scheme of our own and with this object in view, I beg you will kindly move the Government to be pleased to depute Mr. Rangasamy Iyengar, Executive Engineer, Water-Supply division in Mysore to investigate the subject and submit a modest scheme as early as practicable.

5. As regards the supply of water to the market people on Shandy days about which a discussion was raised in the Dasara Representative Assembly of 1903 (vide your docket No. 642 dated 20th July 1904) and repeated in the meeting of last year, Mr. Hatchellel tells me that the storage capacity of the tank on the Railway premises

premises is designed to supply the 4 Railway Staff and the Engines of which on an average about 8 pass to and fro Every day but that if the Agent of the Southern Maharatta Railway has no objection, one foot of water could be spared from the tank once a week without detriment to the Company's arrangements. I beg that a reference may be kindly made to that Officer on the subject. The Municipality will, of Course, bear the Cost of laying down the necessary pipes with one or two taps on the "Shanbag" grounds as also the proportionate Cost of working the pump which latter item, I understand, may not Exceed Rs 5/- per mensem.

I have the honor to be,
Sir,
Your most obedient Servant

[signature]
President

Vg

W.F. 868-04 ① 5

Haviar Taluk Boards Resolution

Dated 10th June 1904

W.L.F. 368-24 (1)

7

Memorandum

Re - Water Supply to the town of Hanibal

The pressing need for providing water supply to the town of Hanibal has long been recognized and the subject has been engaging the attention for some considerable time

2. So far back as eight years ago, the Deputy Commissioner, Dharwar District represented to Government that the Hanibal Municipal Board suggested that water might be lifted from the Tungabhadra River, filtered and then supplied to the inhabitants by means of pipes laid for the purpose. On the Government referring the subject to the Chief Engineer, he submitted a preliminary Scheme, prepared by the then Sanitary Engineer (Mr. Standish Lee) who estimated the approximate cost of the works and the annual maintenance and working charges at Rs 15,000/- and 1200 respectively as per following details:-

vide letter no S 11-6-1896 y

upno 18990-1 L.7-10-96 7-6-1896 y

1 Area of Town — acres 55
2 Population — 6,385
3 Source of Supply — Tungabhadra
4 Description of Supply - Water to be collected in galleries, lifted by force pumps worked by bullocks, and distributed by cast iron pipes and masonry fountains
5- Quantity of Supply - 10 gallons per head
6- Contents of pure water tank - one

of one days supply.

7 Number of fountains - 8

8. Average distance of Fountains - 600 feet.

9. Approximate cost of the works. Rs 15,000/-

10 - Do - maintenance and working charges Rs 1200/-

11 Income of Municipality for 1895-96 - Rs 4,309

12 Reserve balance - Rs 1182/-

If masonry delivery Channel and Harangies are Employed in lieu of Cast Iron pipes and fountains, that Cost may be reduced by Rs 2000/-

3. In conveying approval to this Estimate the Deputy Commissioner reported that the municipality preferred cast iron pipes to masonry delivery Channels and that they had agreed to pay half the cost, which was to be treated as a loan to the Municipality repayable by an annual instalment of Rs 500/- and the matter was even then considered so urgent that he urged obtaining early sanction for the project.

Dy Comrs letter no 30 dated 3rd Jany 1896 to the Secretary to Government

X

4. Meanwhile, as the Railway authorities were contemplating pumping River water by steam power for their Station purposes, the Deputy Commissioner brought to the notice of Government that if it could be arranged by same means for pumping a large quantity of water to meet the Town needs as well, the trouble of maintaining and working a

Dy Comrs Docket of no 791 dated 3/3/1896 to the Secretary to Government

Y

Dy Comrs to Rlys no 876 dated 27th April 1897

Z

separate

separate apparatus would be owned by the municipality who would in their turn, by charging so much per gallon of water supplied to them bring some adequate return to the Railway Department for the Extra Power used by them for the benefit of the Municipality

In referring it to the Chief Engineer for disposal, the Government observed that the town of Hanisar was badly off for water and that some early remedial measures seemed desirable.

No 12291-2
dt. 190-96
12-5-1897

5. The Chief Engineer then wrote to the Agent S.M. Railway Co., forwarding the Sanitary Engineer's calculation of the requirements of the town, and enquired whether in connection with their scheme to pump water from the River for Railway purposes he could undertake the combined supply, and if so on what terms. The Agent S.M. Railway Company replied, that their plant was only sufficient to supply their own purposes that the proposals made by the Hanisar Municipality could not be carried out "unless the Estimates were recast" and that it could not be done as the Engine and pipes had already been ordered, and that in any case he thought it would be much more satisfactory for the Municipality to make their own arrangements, in which remark the

Ref Engineer's
No 3646
14-8-1897

S.M. Ry Company's
letter No 6692
3089
of 18-8-1897

10

the Chief Engineer concurred and accordingly directed the Sanitary Engineer "to have his scheme for the water supply to the town taken in hand and completed as expeditiously as possible." That course was apparently approved of by the Government who merely recorded the reference

Chief Engr: letter No 4350 dated 27.8.1897 to the Secretary to Government R

Prog 20 3295-6 S.P. 190-97 & 11.9.1897 S

6. Thereupon Mr Standish Lee (Superintending Engineer Sanitary works) modified his original scheme referred to in para 2 supra and prepared an Estimate for Rs 30,000/- providing for lifting water by an 8 Horse Power Engine and conveying it by iron pipes 6" in diameter to a Reservoir on the high ground near the Railway Station and erecting filter beds and a pure water tank there and for distribution hence of water to the town by means of pipes and Street fountains and enquired whether the Municipality were prepared to meet a moiety of the cost (Viz Rs 1500) repayable in 20 years with interest at 4% by annual instalments of Rs 1103-11-2 and also to bear the maintenance and working charges amounting to Rs 1500 per annum. These terms being burdensome as those first proposed, the poor Municipal Board represented their inability to bear the burden with their small & limited resources which had already been saddled

x Supg. Engr (Sanitary works) letter No 3275 dated 4.7.1897 to the Dy Commr Chitaldrug D.O.

end

with the repayment of a loan obtained for
the Extension of the Town and the Deputy
Commissioner accordingly recommended that
the work should be executed solely from Pro-
vincial funds and added that the Municipality
would see their way to provide Rs 1500 / annum
for the maintenance and working charges.

7. At the time the matter was then pending
consideration of the Government between 1897-1900
the demands on the Public Works and Sanitary
Departments and on the Provincial funds in
general, were most heavy owing to several causes,
notably the causeway Electrical Power Scheme
the Marine Drive works, and the payment
to Government of India of the requisite funds
needed to repay the Southern Mahratta
Railway Company Debenture loan on the
due dates (vide Dewan's Dasara address of
1900); and the unfortunate outbreak of plague
towards end of 1896 further accentuated the
grave situation which necessitated large
Provincial grants for sanitation and Extension
of Town purposes to which Considerably depleted
and threatened to drain the then available
resources. Under such unavoidable, and
more pressing circumstances, perhaps, the
Government Considered they could not afford
to pay for the water supply to the Town of Haridas;
and

was to be
by / dated
99 to the
intending
users

10

the Chief Engineer* concerned and accordingly directed the Sanitary Engineer* "to have his scheme for the water supply to the Town taken in hand and completed as expeditiously as possible." That course was apparently approved of by the Government who merely recorded the reference

* Chief Engr. vide letter No. 4050 dated 27.8.1897 to the Secretary to Government R

Proc 20 3295-6 F.7190-96 dt 11.9.1897 C

6. Thereupon Mr. Standish Lee (Superintending Engineer Sanitary works) modified his original scheme referred to in para 2 supra and prepared an Estimate for Rs 30,000/- providing for lifting water by an 8 Horse power Engine and conveying it by iron pipes 6" in diameter to a Reservoir on the high ground near the Railway Station and erecting filter beds and a pure water tank there and for distribution hence of water to the Town by means of pipes and Street fountains and enquired whether the Municipality were prepared to meet a moiety of the cost (Viz Rs 15000) repayable in 20 years with interest at 4% by annual instalments of Rs 1103-11-2 and also to bear the maintenance and work charges amounting to Rs 1500 per annum. These terms being quite as onerous as those first proposed, the poor Municipal Board represented their inability to bear the burden with their scanty & limited resources which had already been taxed to

* Supg. Engr (Sanitary Works) letter No. 2878 dated 4.7.1897 to the Govt. Chief Engr. & S.D.

this

Bom. S. Letter
67 dated
·99 to the
Municipal
Comm.

with the repayment of a loan obtained for
the Extension of the Town and the Deputy
Commissioner accordingly recommended that
the work should be executed solely from Pro-
-vincial grants and added that the Municipality
would see their way to provide Rs 1500 annually
for the maintenance and working Charges.

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to Government of India of the requisite funds
needed to repay the Southern Mahratta
Railway Company Debenture loan on the
due dates (vide Dewan's Durbar Address of
1900); and the unfortunate outbreak of Plague
towards end of 1896 further accentuated the
grave situation which necessitated large
Provincial grants for sanitation and Extension
of Towns purposes &c. which Considerably depleted
and threatened to drain the then available
resources. Under such unavoidable, and
more pressing circumstances, perhaps, the
Government Considered they could not afford
to pay for the water supply to the Town of Harihar;
and

and as the Municipality had expressed their inability to bear the cost of the water works, the Chief Engineer considered the subject might be dropped and the reference was accordingly ordered to be recorded

* Pro: 220 dt 15-16 d. 7. 190-9 dt 21. 9. 1900

Q

8. This subject has also been dealt with by the Representative Assembly and promised consideration, and from what has transpired it will be seen that both the urgency and importance of the project has long been recognized but that under the exceptionally unfavorable circumstances of the time when it actually came up before Government, they were obliged, perhaps, more to put it off for the time being than decline to consider it

9. Circumstances have since then changed. The Municipality is a poor one and its resources have been crippled by abolition of the Coom-tax which used to bring to it a considerable Revenue. It is also burdened with the repayment of the loan obtained for the Extension of the Town. Its present income is very small being Rs 40,000 from the marginally noted sources of revenue. The principal item of Rs 1700 is derived from 223 tiled houses, 1113 mudroofed and 242 thatched houses in all 1578 houses. During the last 3 or 4 years, some

* House tax ...	1700
Mohatsaf ...	1000
Octroi ...	1700
Miscellaneous including Tolls, Rents, fines &c.	600
Total	40000

some of these houses, Especially the mud roofed and thatched ones have fallen into ruins deserted or depopulated owing to havoc, plague has been playing in this Ancient Town where the old houses are all crumbling to natural decay as well. Many more of them will have to disappear in the process of condemnation on sanitary grounds and opening out of congested portions, and consequently it is feared that this Chief source of Revenue will further perceptibly diminish.

The other major heads of Revenue, Inabotaka and Octroi - have both Equally suffered owing to the same paralysing influence of plague on life and Trade. The population which was 6385 in 1896 when Mr. Lee first Estimated the requirements of water supply, has now been reduced to 5,783 and in the 2 years of 1903-1904 alone, there were no less than 588 deaths against 113 births only. For want of water facilities, Extensions laid out at great cost have not been built upon but are being merely used - those parts nearest the River - as camping grounds during the recurring plague seasons, and such of them as cannot find convenient localities, go to neighbouring villages get scattered and inconvenienced many more.

The Expenditure on the other hand for

12 14

a for the same reasons, has been gradually
w increasing, Conservancy alone costing Rs 1500,
Rs lighting Charitable grants and Education 1200,
& collection charges &c 550, Miscellaneous matching
or Loan instalments &c 900 · total Rs 4170 - which
far Exceeds the income which was Rs 4300 in 1876

10. Under these circumstances, to expect
by the Municipality to bear any portion of the
Co cost of water-works is out of question. At the
it same time, unless water supply is provided
w where is no chance of this important town
be ever regaining its prosperity. With facilities
ca for water, the Extensions would be soon built
c upon, people would flock to the town and
or with these home Conveniences and Comforts, population
& would soon increase and trade revive and
within a short period, owing to its advantageous
situation on the Railway line, with the through
connection to Poona and Bombay and its close
proximity to the busy towns of Hubli and Dharwar
and its importance as the Entrance to the State.
it would soon begin to share in the Commercial
activity and industrial Enterprize springing
up at Davanagere, till eventually both of these
towns become the Chief centre of Commerce
and Trade in the Province

11. As in any Scheme, Water has to be
pumped and conveyed to the high ground
near

near the Railway Station where the storage tank is to be erected, it would be convenient and desirable if both the Railway Station and town requirements can be served by one and the same apparatus. The present installation set up by the Railway authorities are worked only for a few hours per day. If by Extra work or by supplementing or substituting another Engine and relaying fresh pipes of larger dimensions and providing a bigger storage tank or otherwise, a combined System can be devised it would be the best and more Eco-nomical one in Every way.

Meanwhile if a few taps parallel to the Railway Embankment on which runs the present pipe line, and near the Travellers' Bungalow and Shandy maidan could be arranged for, on the Railway Department being paid so much for the Extra work involved much of the distress now prevailing for water and brought to notice in Subject No. 293 of the Representative Assembly Proceedings of 1903, would be alleviated.

12. Copy of Taluk Board Resolution dated 10 June 1904 representing the inconvenience and

and Emergent need for water supply is
herewith submitted. Considering the im-
-portance and great advantages to accrue
as referred to in para 10 above, even a Separate
installation as per Mr Standish's revised
Estimate would not be much, involving
as it does only a small Extra sum of about
100 or 15 thousand rupees at the outside, which
would be most amply repaid with the revival
of prosperity, trade and Commerce in the
ancient important Sacred Town of Kanchi
which has seen better days and which has all
the potentialities of a reviving Town.

(Sd.) C. Srikantaswamy Esq
Assistant Commissioner
Chingleput Division

Camp Tholakkare
15th October 1904

Copy

J. R. Williamson
Deputy Commissioner
Chingleput District

Copy

Rel 7. No 368. 04 (2) 17

Letter C. No 73 dy the 19th January 1905
from the President of the Municipality
in the Chitaldroog District in re the
through Water Supply to the Harihar Town.
Offr in Note

No 7552/Rel 368.04 dy 27.2.05. Encl 1.

Forwarded to the Secretary to
the Government of Mysore in the P.W.D

22.2.1905

(Sd) B. K. Venkataravadaiyengar
Secy to Govt in the
Genl & Rev Depts

Copy

HBK.
7.3.1905

Rel 7 No 368-04 (3)

D6029 18

General and Rev Secretary's No 7552
Rel (368-04)
dy the 27.2.1905 forwarding letter Camp
No 73 dy the 19th January 1905 from the
Deputy Commr of the Chittaldroog Dist
in re. Water supply to the Harihar Town.

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this ngl
Office note

No 235/1559 dy 2.3.1905

Mr Standish Lees' project pro-
vided for a supply pumped by Steam plant
from the River. He made proposals for
pumping up 10 gals per head for 10000
people into a storage tank, and passed
through filters into a pure water tank
for distribution. As the population is
probably not more than 6000 now I con-
sider that if provision is made to supply
10 gals a head for 7000 people it would
suffice, for the present at any rate. In
regard to the cost, there is no cheaper
way of supplying the town excepting
by pumping up from the river,
as no gravity supply is available in
the vicinity of the town, and the cost
would probably work out to Rs 25,000
at least

The cost of working the pumping plant

19

is likely to exceed the 1500 Rs. which the Municipality said to be only able to grant annually so it would be necessary for Government to give the Municipality a free gift of the cost of the project, besides paying for all future additions renewals, and repairs to the plant. The Railway Company have already refused to join the town in any scheme of supply.

If Government are disposed to pay for the scheme, and order a project to be got up the necessary orders will be given

Bangalore
2.3.05

(Sd) W. Mc Hutchin.
1.3.05 Secretary to Govt
P. W. D

Copy
KBG
7-3-1905

277

I.

20

F.R.S. 28]

File No. 368-04.

Serial No. 4

Diary No. of letter replied to 6029

Proceedings of the Government of His Highness the Maharaja of Mysore.

GENERAL AND REVENUE SECRETARIAT.
(Secret)

, the 190

Date of issue 24/3/05

Signed by [illegible]

READ.—Letter No. C No 73 dated the 19th January 1905 from the President of the Municipal Council in the Chikballapur District representing that a water supply project for the Municipal Town is quite necessary, and requesting that the Executive Engineer of the Water Supply Division be deputed to investigate and submit a ~~Municipal Scheme~~ Scheme as early as practicable, and that the Scheme prepared by the—

over

SUBJECT

2. The late Superintending Engineer of Sanitary Works for Rs 3 lacs is costly.

2. Memo No 235/1569 of the 2nd March 1905 from the Chief Engineer of Bangalore stating that the Water Supply Scheme prepared by the late Superintending Engineer of the Sanitary Works not provides for the Supply of water to 10000 people at 10 gallons a head & that as the population of the Harihar Town is not more than 6000 at present a modified project providing for the Supply to 7000 people will be prepared if the Government so direct and are disposed to pay for the Scheme the cost of which should not be less than Rs 25000, and the annual working charges of the same

S.R.S. 27]

GENERAL AND REVENUE SECRETARIAT.

(Continuation Sheet draft form.)

and Rs 1500 respectively

Order thereon. No. 522-3
Ex(368-4)-4
5.21/3/05

The Chief Engineer is requested to get a new project prepared ~~by~~ as proposed by him.

16.3.1905

Secretary
5.7 15/3/05

HB
16/3/05

To
The Chief Engineer of Mysore
The President of the Municipalities in the Chitaldroog District.

HBH
15-3-1905

Copy Vdl 16/3

Ml 368-04 Mysore Public Works Department.
Central Office

II E3 V.K
SD 29/11

No. 7957 Serial 6 Dated Bangalore 27th November 06

From, Exc 23 & 48264.

W. McHutchin Esquire M.I.C.E.,
Chief Engineer of Mysore,
Bangalore.

To,

H.S. Chandrasekhara Iyer Esquire
B.A., B.L.,
Secretary to Government of H.H. the
Maharaja of Mysore. General
& Revenue Department, Bangalore.

Sir,

With reference to Government Proceedings No. 8622-3/Ml:(368-04)-4 dated the 21st March 1905, ordering the preparation of a fresh project for the water-supply to the town of Harihar, I have the honor to inform you that in May last the Superintending Engineer, Eastern Circle, after personal inspection of the town, submitted a project prepared by the Executive Engineer, Chitaldroog Division, which amounted to Rs 27,267/- which provided for pumping water from the Tungabhadra river to a settling tank on a neighbouring height, to filter it there, and supply the town by gravitation in the usual way by means of taps. This project was not only costly, but also indicated future additions to it, as part of the delivery main was proposed to be formed

2 of Cement pipes which in practice has not given satisfaction for this kind of work.
2. Consequently, an alternative project was ordered to be prepared in Consultation with the Executive Engineer, Water Supply and Stores division, and the proposals now intended to be adopted are to draw water from a well sunk on the bank of the river, or its edge, through the intervening Sandy strata, and then pump it up direct to balancing tanks in suitable situations in the town. These balancing tanks of which there are four, supply water direct by means of taps attached at their sides or to end of pipes led off from them. This project amounts to Rs 16,790/- and is admittedly only approximate, but is not likely to cost more than Rs 18,000/- or a little over Rs 3/- per head of the present population of nearly 6000 people, which surely is not more than the people should be capable of paying themselves. The project is herewith forwarded for the orders of Government.
3. The annual maintenance charges are estimated at Rs 3,000/- a year, or only 8 annas a head per year; and for this the people will get at any rate a purer Supply than at present of nearly 4000 gallons each: and surely the municipality are capable of paying this themselves instead of only

only Rs 1,500/- as reported by the Executive Engineer vide para 8 of Mr. Sundaramitra report dated 15.8.06.

4. The project of course is only a tentative one capable of expansion when funds are available to undertake a proper system of distribution mains.

5. The project of Rs 27,267 referred to in para 1 above is also forwarded for information

M.N.V. Hardikar

Chief Engineer
of Mysore

I.
5 Estimates
1. Abstract
1. Report
2. Plans
3. Tracings
12

II. 7 Estimates
1. Report.
1. Tracing
1. Plan
1. Blue print
11

Total 23

G.R.S. 23]

368

File No. 84

Serial No. 7

Diary No. of letter replied to 4824

Proceedings of the Government of His Highness the Maharaja of Mysore.

GENERAL AND REVENUE SECRETARIAT.
(Mem.)

, the 190

Date of issue 20-1-07

Signed by L. W. Campagne

READ. Again :-

G. P. No 3622-3 dt the 21st March (362-a) 4 1905 requesting the Chief Engineer of Mysore to get a new project prepared for the Water Supply to the Harihar Town in lieu of the ORDER SHEET No. one prepared by Mr Standish Lee, the late Supg Engineer of Sanitary Works.

Read

2. Letter No 7957 dated the 27th November 1906 from the Chief Engineer of Mysore

over

Subject

Submitting, as called for, a
Project which amounting
approximately to Rs 16,790, which is
in which Sanction will in any case
is likely to cost more than
Rs 18,000, and which provides
for the drawing of water from
a well built on the bank
of the River or its edge, through
the intervening sandy strata
and then pumping it up
direct to four balancing
tanks in suitable situations
in the town, these tanks
supplying water direct by
means of taps attached to
their sides or to ends of pipes
led off from them and the
distant portions of the town
being served by five
additional fountains of
which four are connected
with the balancing tanks
and one by means of 1" pipes
and one with the town Rising

G.R.S. 27]

GENERAL AND REVENUE SECRETARIAT.

(Continuation Sheet draft form)

Piping Main direct, and Shaking that the annual Maintenance charges shall be Rs 500/- and that the project is only a tentative one & capable of extension when funds are available to undertake a proper system of distributing Mains.

Tender Memo. No 766-3 (765-2)-7

D. 20-4-07.

The project submitted by the Chief Engineer is sanctioned for Rs 11,790. Considering the performance of the Waliba tanks, the present need does not for a larger supply & the financial condition of the Municipal Board, I am not pleased to direct that the cost of the project be borne by the State Funds. The Chief Engineer is requested to make provision for the work in the ensuing year's Public Works Budget.

2. The annual Maintenance charges

charges which are estimated at Rs 3,000/ both for the present be borne in equal proportions by the Municipal Board of Hardwar and the Chatalwag District Board

3 Prompt and vigorous steps should be taken for improving the resources of the Hardwar Municipal Board

18/3/07

Secretary
18/3/07

I

The Chief Engineer of Inspection with the sanctioned projects and the one for Rs 27,267/ President of the Municipality Chatalwag District Sewis Surgeon & Savy Commissioner Comptroller with a copy of the General Abstract Estimate

17.3.1907

Please make copies of the following for record in this Office -

1. Report on the project
2. General Abstract Estimate
3. Estimate of the probable cost of Annual Maintenance of the water works

† This work is to be done by the same contractor of the Roorkee as ordered by the Superintending Engineer.